

IAB Minutes
August 9, 2005

The Interagency Advisory Board (IAB) Meeting convened on Tuesday, August 9, 2005 at 10:10 AM in the General Services Administration (GSA) Auditorium. The meeting was chaired by Mike Butler. The following agenda items were presented and discussed.

A. Special Publication (SP) 800-73 Reference Implementation. Jim Dray of National Institute for Standards and Technology (NIST) provided an update on the SP 800-73 Reference Implementation. Key points:

- The purpose of the reference implementation is to provide work examples for developers. It is not intended as a deployable commercial product.
- Vendors should claim conformance to the SP 800-73 specification, NOT to the reference implementation.
- It is publicly available at <http://csrc.nist.gov/piv-project>
- It will be updated as needed.

B. Conformance Testing. Ramaswamy Chandramouli (Mouli) of NIST provided an update on the Personal Identity Verification (PIV) Middleware and PIV Card Application Conformance Testing Toolkit. Key points:

- There are 2 broad categories of tests: PIV Middleware and PIV Card Application
- All tests are end-point tests
- The PIV Middleware Tests test all 9 functions in PIV Client application (chapter 6 of SP800-73), and tests for response to all valid and error return codes
- The PIV Card Application Tests test all 8 commands in card command interface (chapter 7 of SP800-73)
- The Conformance Testing Toolkit is expected to be released soon

C. Foreign National Working Group. The Foreign National Working Group met July 14th with representatives from State Department, Department of Energy (DOE), Department of Commerce (DOC), Department of Interior (DOI), and Department of Defense (DoD). The purposes of the meeting were to discuss potential challenges accommodating PIV to non-citizens working in the US and to capture common challenges to all agencies. The challenges were written up as an issue paper, which was sent to the Office of Management and Budget (OMB) policy working group. The IAB is waiting on a response from OMB.

D. Aggregate Buy Work Group. The Aggregate Buy Working Group met July 25th. At that meeting the group outlined lessons learned from DoD to assist other agencies in avoiding pitfalls with issuance policies. Also, the group reviewed initial draft specifications for contact and contactless technologies as it pertained to mandatory and optional contract line item numbers (CLIN). The aggregate buy will provide for cards, printers, printing consumables, smartcard middleware, contact, and contactless readers. The procurement vehicle for the aggregate buy is expected to be awarded by December 2005 or January 2006.

E. Physical Access and Integration Working Group (PAIWG). The PAIWG is updating the Physical Access Control System (PACS) 2.2 Guidance to conform with

IAB Minutes
August 9, 2005

Federal Information Processing Standard (FIPS) 201 & SP 800-73. The PAIWG formed a tiger team to create a gap analysis that outlines the discrepancies between documents. The team is in the process of formulating changes to the PACS Guidance that will close the identified gaps.

- F. Training Partnership Discussion.** Andrew Goldsmith of DOI provided an update and overview on the IAB training initiative:
- The training will be web-based and available Federal government-wide.
 - The intended audiences are the managers, administrators, and users of Federal credentialing systems.
 - Training will be focused on increasing awareness, ensuring compliance, promoting the benefit and clarifying misunderstanding relating to HSPD-12 implementation.
 - Module 1: PIV Roles and Responsibilities is slated for delivery on 10/03/05
 - Four more modules are slated for delivery on 12/31/05:
 - Module 2: PIV Overview
 - Module 3: Privacy Awareness
 - Module 4: Administrator
 - Module 5: Appropriate Uses
- G. Joint Program Handheld/Mobile Device Status.** Mike Butler gave a brief status update on the Joint Program Handheld/Mobile device status. The current plan of action is to gather requirements from as broad a cross-section of government as possible, to incorporate any lessons learned from similar implementation, and to leverage the expertise of industry for support. From there, a market survey will be conducted to identify available products. If a commercial off the shelf (COTS) or government off the shelf (GOTS) product does not exist that meets the handheld device requirements, then a contract will be let for research and development of a new handheld device. If you would like to participate in the effort, please send an e-mail to cacsupport@osd.pentagon.mil.
- H. NASA CBACS Project.** Tim Baldridge of National Aeronautics and Space Administration (NASA) briefed the IAB on NASA's Common Badging and Access Control System (CBACS). Key points made include:
- NASA started the CBACS program in 2002, and by conducting site surveys, determined that physical access was their biggest challenge. For this reason, the CBACS implementation was focused initially on physical access as opposed to logical access.
 - The CBACS program is a multi-application, multi-technology smart card program with an agency-wide user base. The program is past the initiation, development, and acquisition phases, and currently, the program is in the middle of implementation.
 - Responding to NASA's PIV Implementation Plan, OMB has directed NASA to not issue smart card IDs until they have PIV-II, part 3 compliant cards.
- I. Checking Authenticity of PIV Cards from other Federal Agencies.** As an outcome of HSPD-12, there are questions as to how agencies will authenticate PIV

IAB Minutes
August 9, 2005

cards from other agencies. Agencies will have to verify that the card presented is still valid and that the cardholder is legitimate. A summary was given of how the Defense National Visitors System (DNVS) solves this challenge today using backend systems, fingerprints, and photo IDs. A proposal was offered to establish a focus group to:

- Scope out ways to accomplish credential cross recognition
- Examine and recommend a common approach for all Federal agencies
- Examine and recommend ways to maximize/leverage current investments

J. DOD Key Ceremony and Systems Tour. DoD offered a Key Management 101 class and system tour to assist government personnel in determining individual key management policies and procedures. The initial tour was scheduled for Thursday, August 11th, 1-4 pm. Additional events will be scheduled to accommodate individuals not able to attend the first event.

K. IAB Website. The IAB website is migrating from a DoD host to a SmartGov host. The address for the new website is www.smart.gov/iab. The new site is now up and has postings.

L. Credential Card Migration Strategy. A brief presentation was given on a card migration strategy for issuing smart cards as soon as possible and updating them to PIV-compliant cards after they are issued. The following are key elements:

- Agencies procure dual interface 64K cards per the PIV requirement
- Agencies issue these cards with existing Government Smart Card Interoperability Specification (GSC-IS) applets, in advance of availability of PIV-II applets. This step achieves PIV-I compliance but not PIV-II compliance.
- In parallel, industry will develop PIV-II applets and validate these against the PIV conformance tests.
- Next, agencies procure PIV-II applets and load them on previously issued cards. This would be a “post-issuance” card management action.
- PIV-II applets would sit alongside GSC-IS applets, making the card PIV-II-compliant.

This approach allows agencies to start issuing currently available dual interface smart card platforms now and then upgrade once PIV-II-certified products are available.

The IAB Meeting was adjourned at 12:30 PM.